

Claims

What is claimed is:

1. A traffic control device information display system, comprising:
a receiver that receives information about a traffic control device;
a processor that processes the received information to determine identification
information for the traffic control device and to determine if the traffic control device has been
improperly moved or knocked down; and

a display that displays the identification information to an operator and that
indicates if the traffic control device has been improperly moved or knocked down.

2. The traffic control device information display system according to claim 1,
wherein the processor also determines location information for the traffic control
device from the received information; and
wherein the display also displays the location information to the operator.

3. The traffic control device information display system according to claim 1,
wherein the processor also determines state information for the traffic control
device from the received information; and
wherein the display also displays the state information to the operator.

4. The traffic control device information display system according to claim 1,
wherein the processor also determines status information for the traffic control
device from the received information; and
wherein the display also displays the status information to the operator.

5. The traffic control device information display system according to claim 1,
wherein the system is mounted inside a vehicle.

6. The traffic control device information display system according to claim 1,
wherein the system is located in a central office.

7. The traffic control device information display system according to claim 6,
further comprising a wireless remote control device for wireless remote control of the traffic
control device from the central office.

8. The traffic control device information display system according to claim 1,
wherein the receiver further receives additional information about plural
additional traffic control devices;

wherein the processor further processes the additional information to determine
additional identification information for the plural additional traffic control devices and to
determine if any of the plural additional traffic control devices has been improperly moved or
knocked down; and

wherein the display further displays at least some of the additional identification information to the operator and further indicates which, if any, of the plural additional traffic control devices has been improperly moved or knocked down.

9. A method of displaying traffic control device information, comprising the steps of:

receiving information about a traffic control device;
processing the received information to determine identification information for the traffic control device and to determine if the traffic control device has been improperly moved or knocked down; and
displaying the identification information to an operator; and
indicating if the traffic control device has been improperly moved or knocked down.

10. The method of displaying traffic control device information according to claim 9, further comprising the steps of:

determining location information for the traffic control device from the received information; and
displaying the location information to the operator.

11. The method of displaying traffic control device information according to claim 9, further comprising the steps of:

determining state information for the traffic control device from the received information; and

displaying the state information to the operator.

12. The method of displaying traffic control device information according to claim 9, further comprising the steps of:

determining status information for the traffic control device from the received information; and

displaying the status information to the operator.

13. The method of displaying traffic control device information according to claim 9, wherein the identification information is displayed in a vehicle.

14. The method of displaying traffic control device information according to claim 9, wherein the identification information is displayed in a central office.

15. The method of displaying traffic control device information according to claim 14, further comprising the step of controlling the traffic control device from the central office using wireless remote control.

16. The method of displaying traffic control device information according to claim 9,

wherein the receiving step further receives additional information about plural additional traffic control devices;

wherein the processing step further processes the additional information to determine additional identification information and to determine if any of the plural additional traffic control devices has been improperly moved or knocked down;

wherein the displaying step further displays at least some of the additional identification information to the operator; and

wherein the indicating step further indicates which, if any, of the plural additional traffic control devices has been improperly moved or knocked down.

17. A traffic control device transmitter, comprising:

a mount that attaches the transmitter to a traffic control device;

a sensor that detects if the traffic control device has been moved or knocked down; and

a transmission element that transmits identification information corresponding to the traffic control device and information reporting if the traffic control device has been moved or knocked down.

18. A traffic control device, comprising:

one or more traffic control elements;

a sensor that detects if the traffic control device has been moved or knocked down; and

a transmission element that transmits identification information corresponding to the traffic control device and information reporting if the traffic control device has been moved or knocked down.